Applies To: **1998–02 Accord L4** – ALL with A/T and cruise control

February 5, 2002

Thump at Cold Start

(Supersedes 00-059, dated January 30, 2001)

SYMPTOM

A thump as the ignition switch is released from the start position or as the engine starts. This noise sounds similar to a rubber mallet striking the frame and occurs *only* on a cold start (the vehicle has been sitting for some time, usually overnight).

PROBABLE CAUSE

The vacuum-actuated engine mount does not work properly because of insufficient intake manifold vacuum at start-up.

CORRECTIVE ACTION

To increase vacuum, reroute the vacuum hose for the engine mount control solenoid valve to the cruise control vacuum tank.

PARTS INFORMATION

1998–00 Accord

Bulk Vacuum Hose (3.5 mm ID x 1M):
P/N 95001-35001-60M, H/C 6308019
(Each packaged hose repairs one vehicle.)
or
Bulk Vacuum Hose (3.5 mm ID x 3M):
P/N 95001-35003-60M, H/C 4260329
(Each packaged hose repairs three vehicles.)
or
Bulk Vacuum Hose (3.5 mm ID x 8M):
P/N 95005-35008-10M, H/C 2325058
(Each packaged hose repairs nine vehicles.)

2001–02 Accord

Three-Way Joint (Y-Fitting):
P/N 36010-PE0-004, H/C 1832377
Sealing Cap:
P/N 90634-PA0-000, H/C 0840157

WARRANTY CLAIM INFORMATION

In warranty: The normal warranty applies.

OP#	Description	FRT	Template ID
124105	Repair vehicle using bulk vacuum hose P/N 95001-35001-60M, H/C 6308019 (1998–00 Accord)	0.3	00-059A
124105	Repair vehicle using bulk vacuum hose P/N 95001-35003-60M, H/C 4260329 (1998–00 Accord)	0.3	00-059B
124105	Repair vehicle using bulk vacuum hose P/N 95005-35008-10M, H/C 2325058 (1998–00 Accord)	0.3	00-059C
124107	Reroute engine mount control solenoid valve vacuum hose (2001–02 Accord)	0.3	00-059D

Failed Part: P/N 50810-S84-A82
H/C 5438585
Defect Code: 042
Contention Code: B07
Skill Level: Repair Technician

Out of warranty: Any repair performed after warranty expiration may be eligible for goodwill consideration by the District Service Manager or your Zone Office. You must request consideration, and get a decision, before starting work.

DIAGNOSIS

Ask your customer if the noise happens only on a cold start, after the vehicle has been sitting for some time, usually overnight.

- If the noise happens *only* on a cold start, go to REPAIR PROCEDURE A - 1998–00 ACCORD or REPAIR PROCEDURE B - 2001–02 ACCORD.
- If the noise happens at *every* start, disregard this bulletin, and look for other possible causes (exhaust hangers, rear engine mount, etc.).

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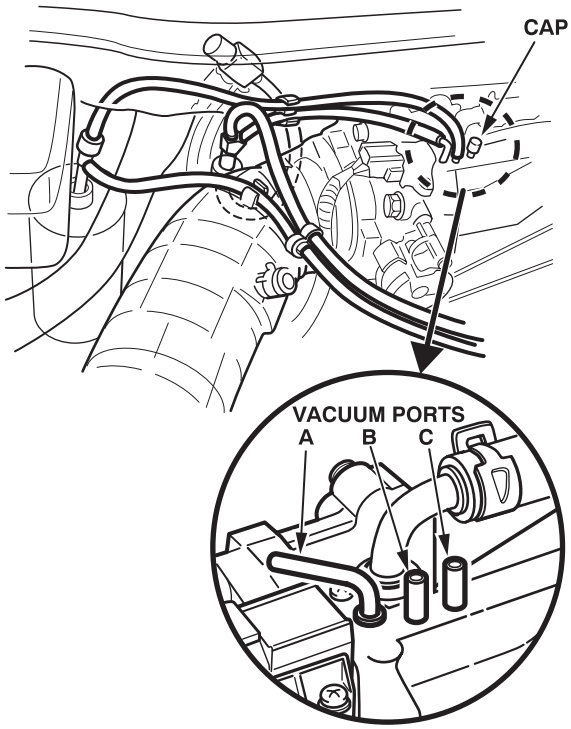
Skill Level
R
REPAIR

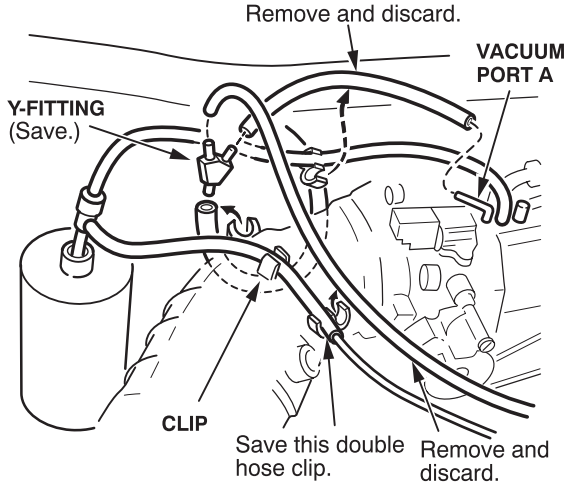
CUSTOMER INFORMATION: The information in this bulletin is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely maintain your vehicle. These procedures should not be attempted by "do-it-yourselfers," and you should not assume this bulletin applies to your vehicle, or that your vehicle has the condition described. To determine whether this information applies, contact an authorized Honda automobile dealer.

REPAIR PROCEDURE A: 1998–00 ACCORD

1. Look at the three vacuum ports on the top of the intake manifold. Is vacuum port C capped?
   - If port C is *not* capped, replace the fuel pressure regulator and hose (see S/B 00-018, *MIL Comes On With DTCs P0171 and/or P0172*, filed under Fuel and Emissions). Then go to step 2.
   - If port C is capped, go to step 2.



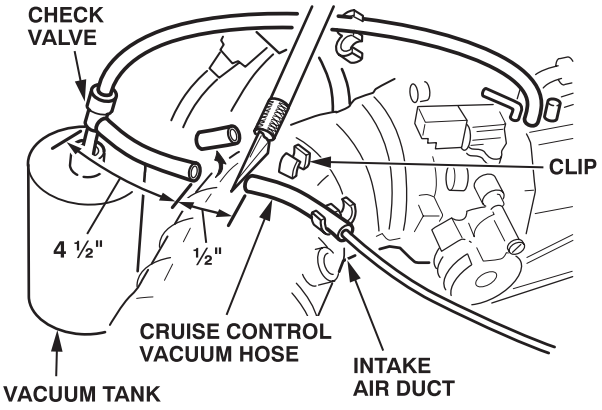
2. Disconnect the three vacuum hoses from the Y-fitting. Save the Y-fitting.



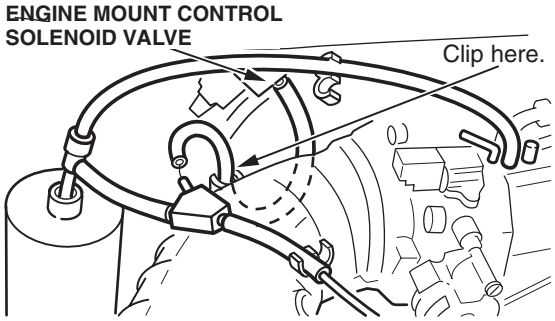
3. Remove the hose from vacuum port A, and discard it.

4. Remove and discard the long vacuum hose going to the fuel pressure regulator. Save the double hose clip.

5. Unclip the cruise control vacuum hose from the intake air duct. Measure 4-1/2 inches from the check valve on the cruise control vacuum tank, then remove a 1/2-inch section of the hose beyond this point with a utility knife.

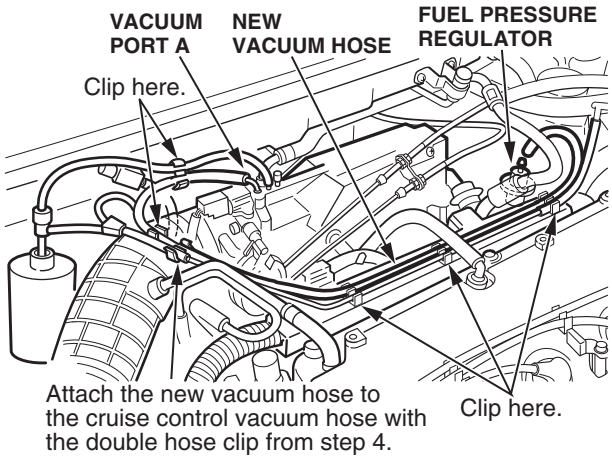


6. Connect the ends of the vacuum hose you just cut to the opposite ends of the Y-fitting you removed in step 2.



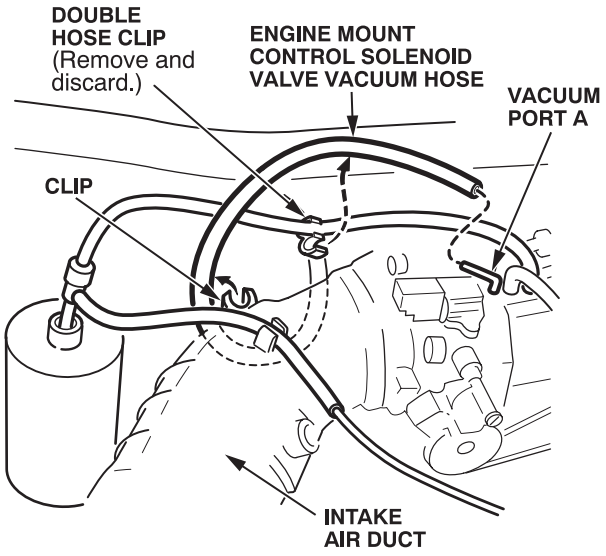
7. Connect the engine mount control solenoid valve vacuum hose to the open port on the Y-fitting. Push the hose into the clip on the side of the intake air duct.

8. Cut a 34-inch length of 3.5 mm ID vacuum hose, then connect one end to vacuum port A and the other end to the fuel pressure regulator. Push the new hose into the clips at the locations shown.

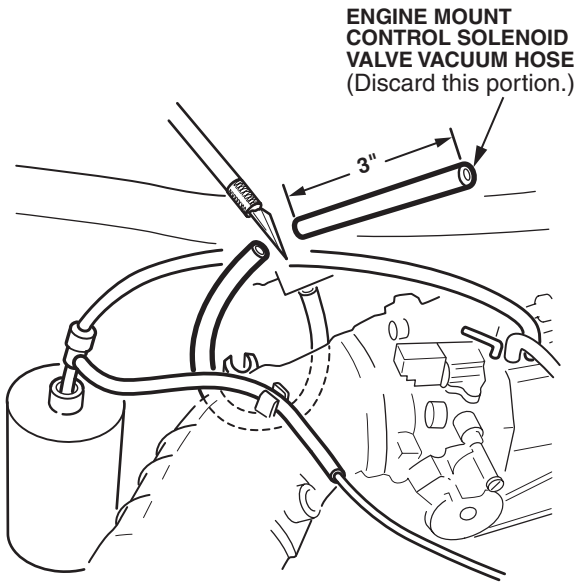

VACUUM PORT A
NEW VACUUM HOSE
FUEL PRESSURE REGULATOR
Clip here.
Attach the new vacuum hose to the cruise control vacuum hose with the double hose clip from step 4.
Clip here.

REPAIR PROCEDURE B: 2001–02 ACCORD

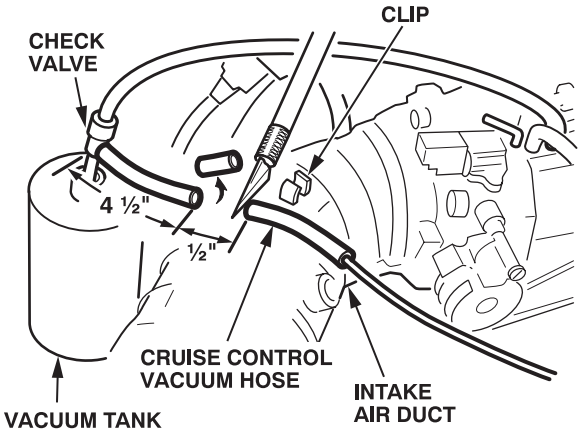
1. Disconnect the engine mount control solenoid valve vacuum hose from vacuum port A. Unclip the hose from the double hose clip and from the side of the intake air duct. Remove and discard the double hose clip.



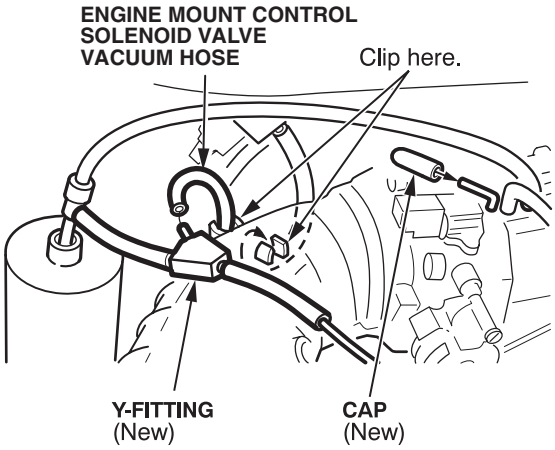
2. Measure 3 inches in from the open end of the hose, and remove that section of hose with a utility knife.



3. Unclip the cruise control vacuum hose from the top of the intake air duct. Measure 4-1/2 inches from the check valve on the cruise control vacuum tank, then remove a 1/2-inch section of the hose beyond this point with a utility knife.



4. Connect the ends of the vacuum hose you just cut to the opposite ends of the new Y-fitting.



5. Connect the engine mount control solenoid valve vacuum hose to the open port on the Y-fitting. Push the hose into the clip on the side of the intake air duct.
6. Push the cruise control vacuum hose into the clip on the top of the intake air duct.
7. Push the new cap onto vacuum port A.